

Attorney Docket No.: NVID-P000901

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Patent Ápplication

Inventor(s):

**Bruce Holmer** 

Group Art Unit:

2116

Filed:

9/18/03

Examiner:

Elamin, A.

Application No.:

10/667,098

Title:

HIGH QUALITY AND HIGH PERFORMANCE THREE-DIMENSIONAL GRAPHICS

ARCHITECTURE FOR PORTABLE HANDHELD DEVICES

## Form 1449

## **U.S. Patent Documents**

No.   Patent No.   Date   Patentee   Class   Class   Date	Examiner		<b> </b>				Sub-	Filing
/AE/         A         6222550         04-24-2001         Rosman et al.           /AE/         B         6275234         08-2001         Iwaki, Tsutomu           /AE/         C         6384833         05-07-2002         Denneau et al.           /AE/         D         6473089         10-29-2002         Wei et al.           /AE/         E         6678834         01-2004         Aihara, et al.           /AE/         F         6720969         04-2004         Lavelle et al.           /AE/         G         6778179         08-2004         Lavelle et al.           /AE/         H         6831617         12-2004         Miyauchi et al.           /AE/         I         6848011         01-2005         Park et al.	Initial	No.	Patent No.	Date	Patentee	Class	class	Date
/AE/       C       6384833       05-07-2002       Denneau et al.         /AE/       D       6473089       10-29-2002       Wei et al.         /AE/       E       6678834       01-2004       Aihara, et al.         /AE/       F       6720969       04-2004       Lavelle et al.         /AE/       G       6778179       08-2004       Lavelle et al.         /AE/       H       6831617       12-2004       Miyauchi et al.         /AE/       I       6848011       01-2005       Park et al.	/AE/	Α	6222550	04-24-2001	Rosman et al.			
/AE/         D         6473089         10-29-2002         Wei et al.           /AE/         E         6678834         01-2004         Aihara, et al.           /AE/         F         6720969         04-2004         Lavelle et al.           /AE/         G         6778179         08-2004         Lavelle et al.           /AE/         H         6831617         12-2004         Miyauchi et al.           /AE/         I         6848011         01-2005         Park et al.		В	6275234	08-2001	Iwaki, Tsutomu			
/AE/         E         6678834         01-2004         Aihara, et al.           /AE/         F         6720969         04-2004         Lavelle et al.           /AE/         G         6778179         08-2004         Lavelle et al.           /AE/         H         6831617         12-2004         Miyauchi et al.           /AE/         I         6848011         01-2005         Park et al.		l C	6384833	05-07-2002	Denneau et al.			
/AE/       F       6720969       04-2004       Lavelle et al.         /AE/       G       6778179       08-2004       Lavelle et al.         /AE/       H       6831617       12-2004       Miyauchi et al.         /AE/       I       6848011       01-2005       Park et al.		D	6473089	10-29-2002	Wei et al.			
/AE/       G       6778179       08-2004       Lavelle et al.         /AE/       H       6831617       12-2004       Miyauchi et al.         /AE/       I       6848011       01-2005       Park et al.		E	6678834	01-2004	Aihara, et al.			
/AE/         H         6831617         12-2004         Miyauchi et al.           /AE/         I         6848011         01-2005         Park et al.	/AE/	F	6720969	04-2004	Lavelle et al.			
/AE/ I 6848011 01-2005 Park et al.	/AE/	G	6778179	08-2004	Lavelle et al.			
		Н	6831617	12-2004	Miyauchi et al.		<u> </u>	
/AE/ J 2004/0073591 04-2004 Giacalone, Jean-Pierre		] 1	6848011	01-2005	Park et al.	1		
	/AE/	J	2004/0073591	04-2004	Giacalone, Jean-Pierre		<del>                                     </del>	_
						T		
							<u> </u>	<del></del> -

Foreign Patent or Published Foreign Patent Application

Examiner	No.	Document No.	Publication Date	Country or Patent Office	Class	Sub- class	Translation	
Initial							Yes	No
<del></del>	<del>- </del>		<del></del>			ļ		
	<del></del>							
·								
	+	<u> </u>		1				
	<del> </del>	<del></del>						
							,	

## **Other Documents**

Examiner Initial	No.	Author, Title, Date, Place (e.g. Journal) of Publication
/AE/	K	Kurt Fleischer, "Polugon Scan Conversion Derivations," Caltech-CS-TR-91-12, 1995 (University Technical Report)
/AE/	L	Kurt Fleischer & David Salesin, "Accurate Polygon Scan Conversion Using Half-Open Intervals," Graphics Gem III, Academic Press 1992

/AE/		Olin Lathrop, David Kirk, and Doug Voorhies, "Accurate Rendering by Subpixel Addressing," IEEE Computer Graphics & Application, PP. 45-53, 10(5), 1990				
Examiner	/Abdelmoniem Elamin/	Date Considered 11/01/2007				

Examiner: Initial citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.